



Replacement Sheet
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Appl. No.: 10/046,179; Filed: January 16, 2002
Dkt No.: 1452.3670000; Group Unit: 2174
Inventor: David W. HUGHES; Tel. No.: 202-371-2600
For: System, Method and Computer Program Product
for Intuitive Interactive Navigation Control in
Virtual Environments

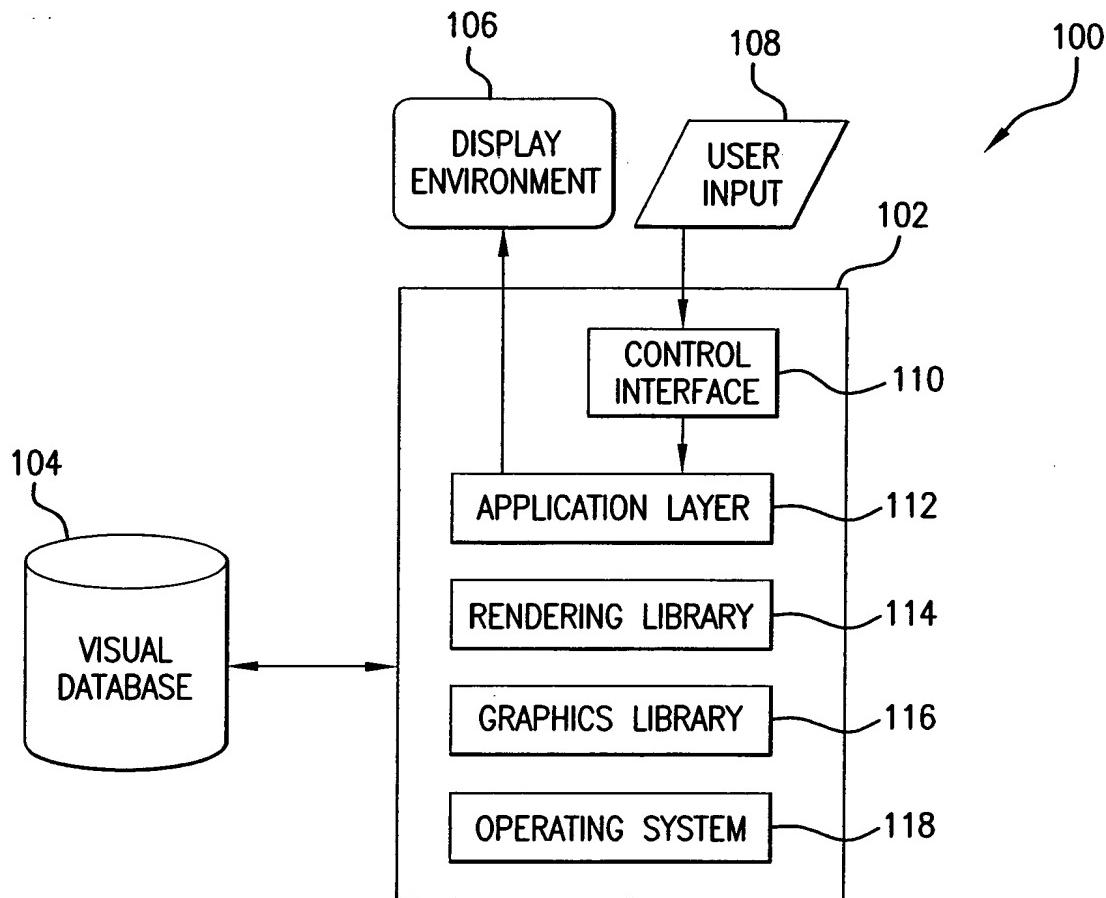


FIG. 1
RELEVANT ART

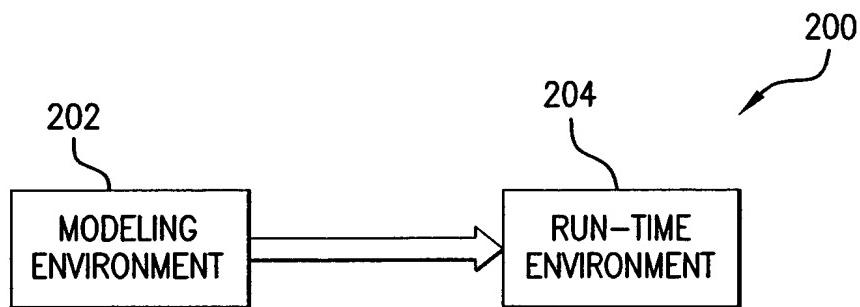


FIG.2

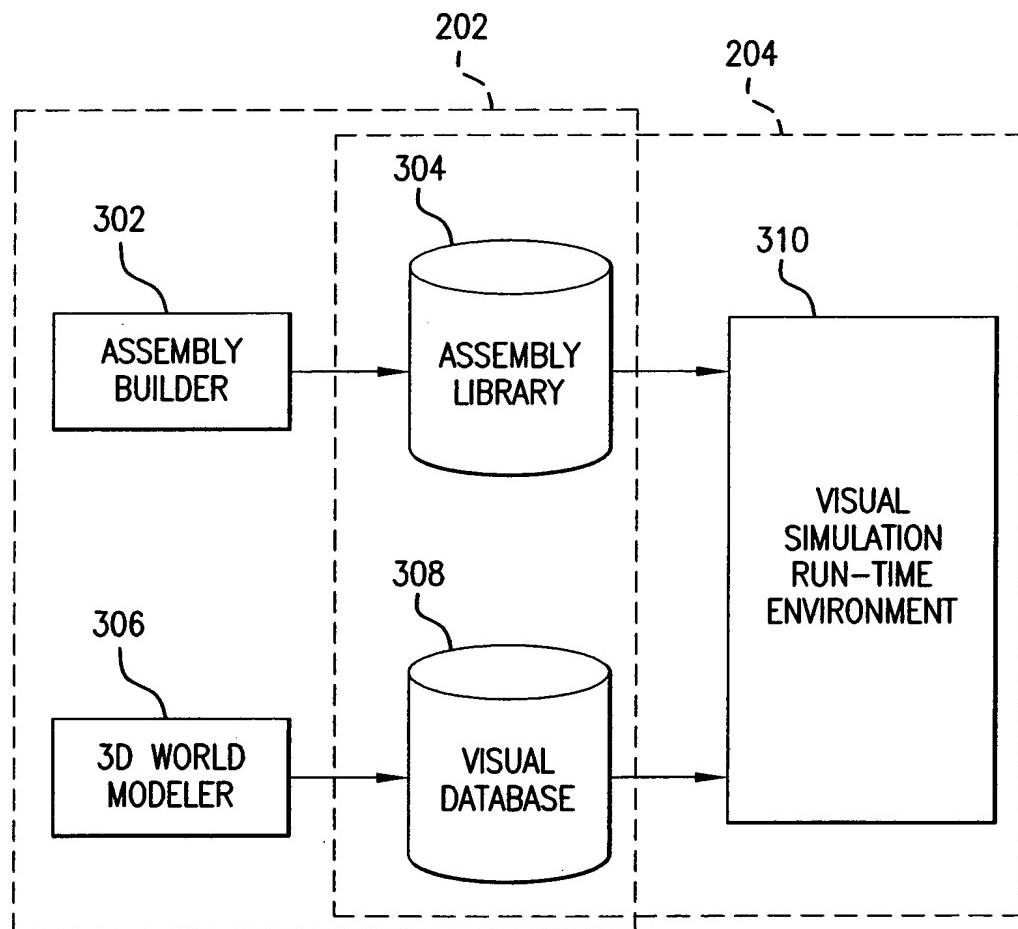


FIG.3



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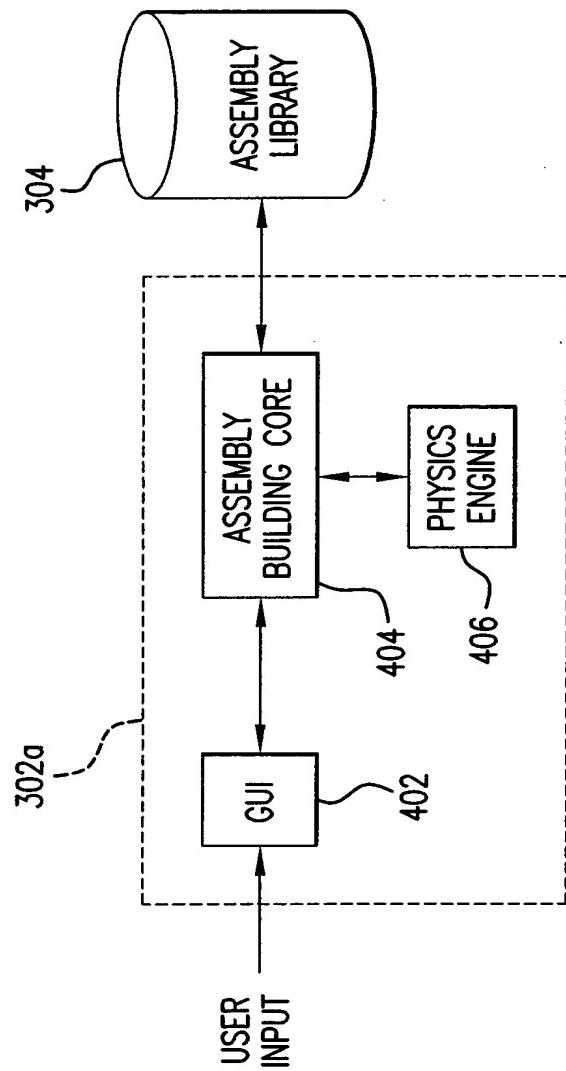


FIG. 4

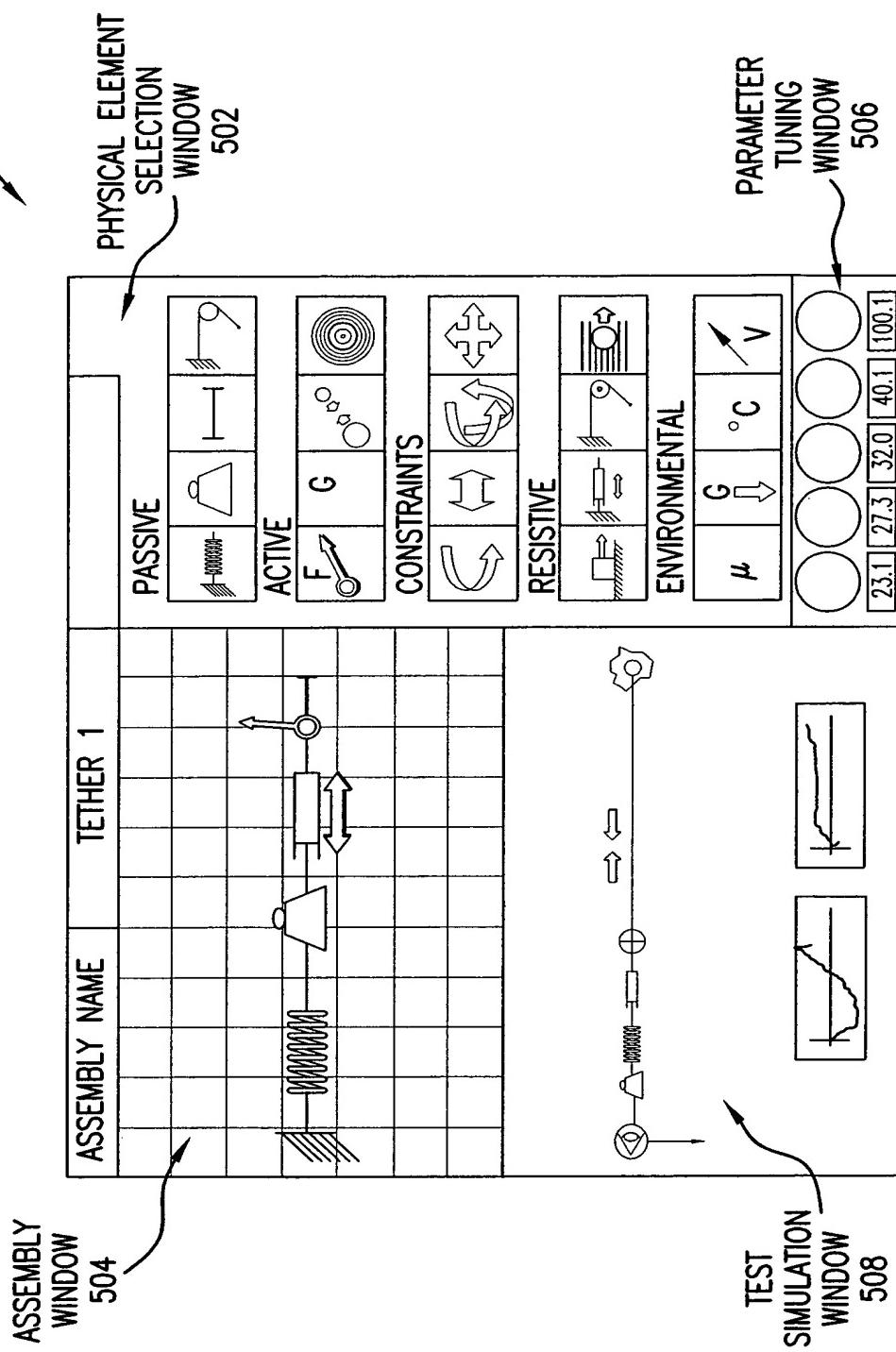


FIG. 5

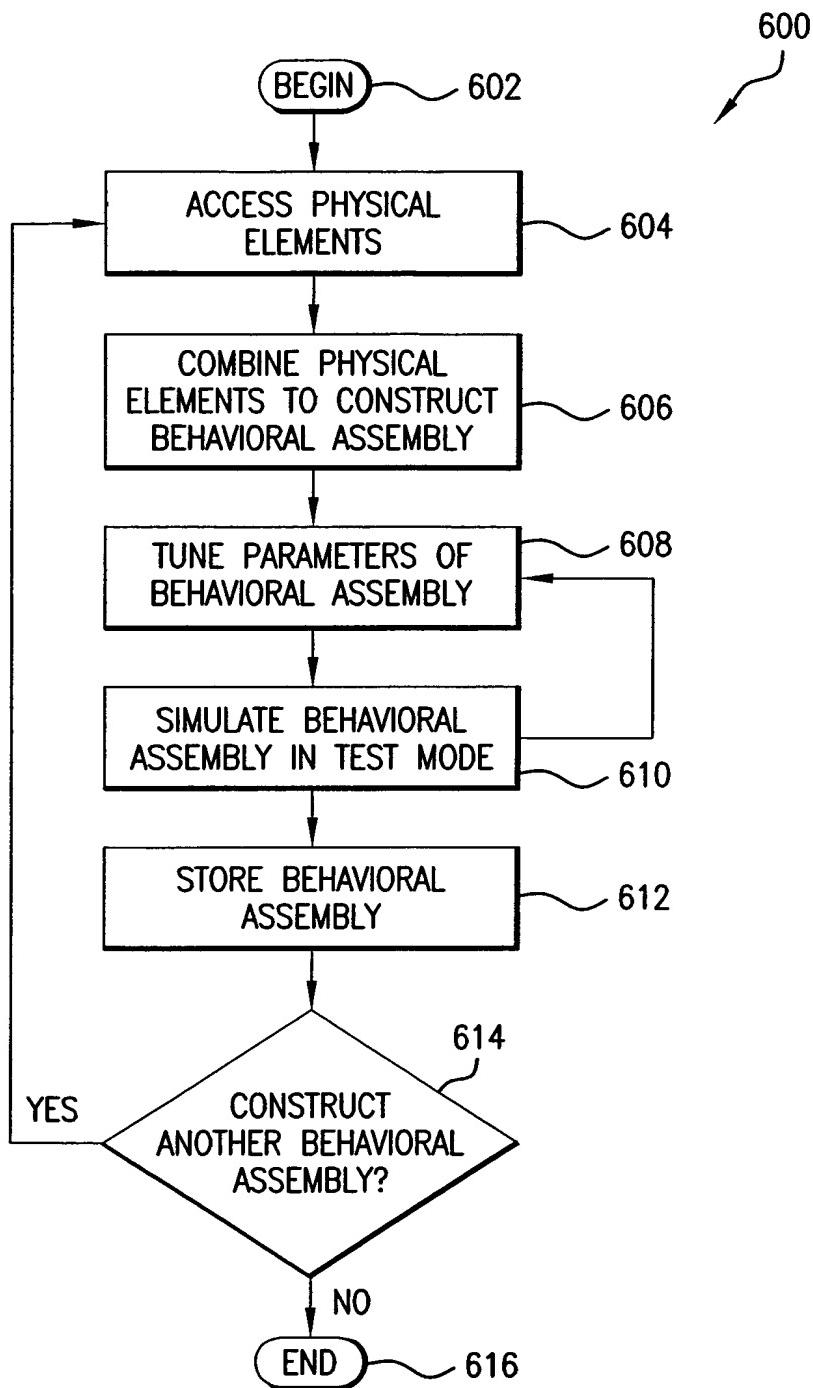


FIG.6

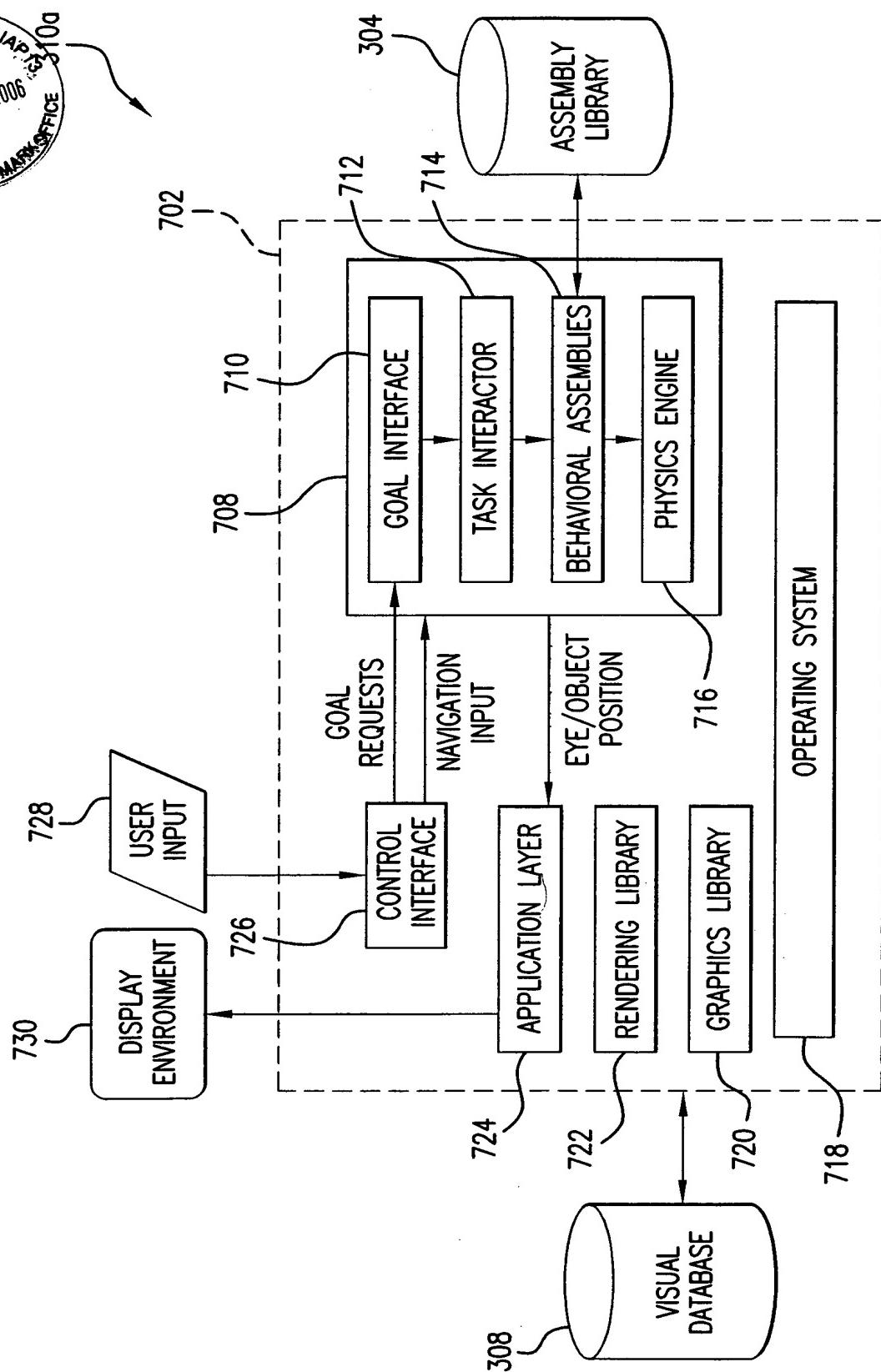


FIG. 7

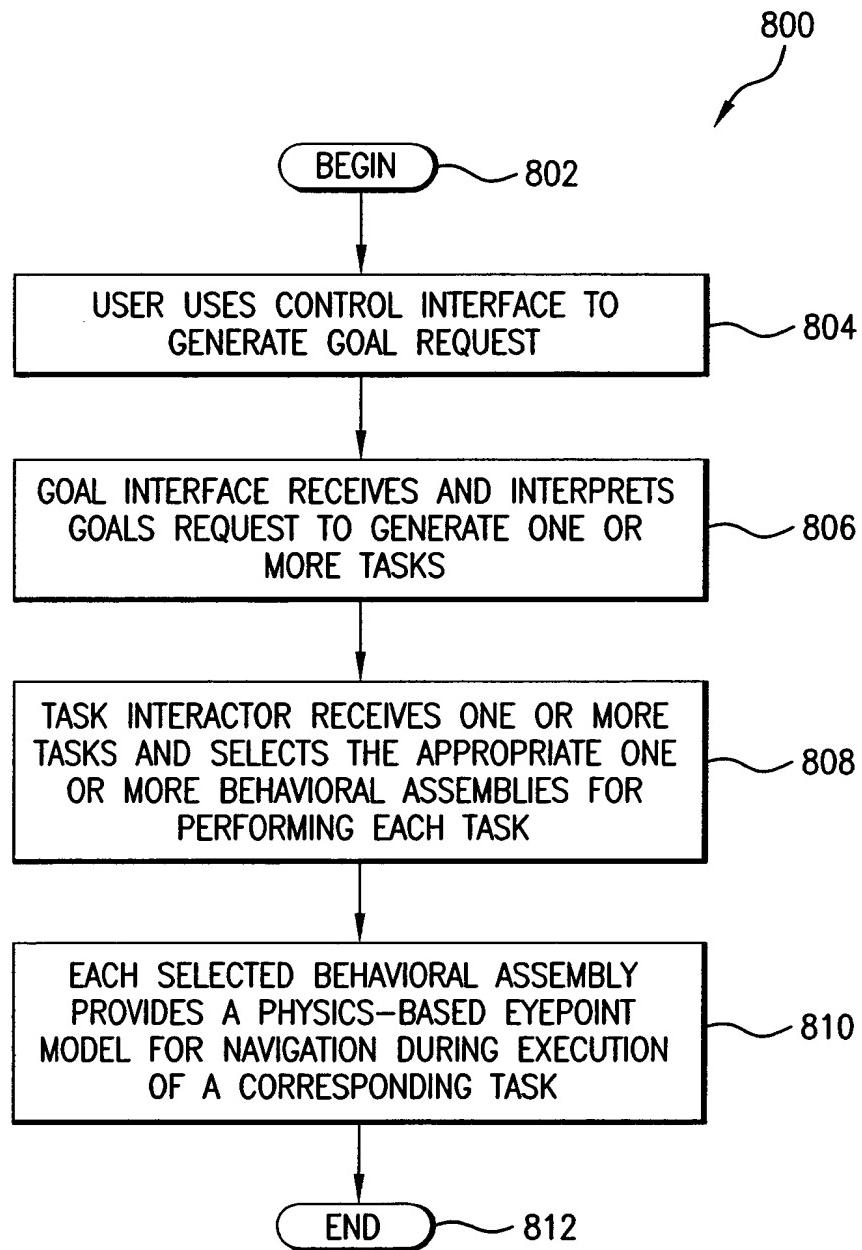


FIG.8

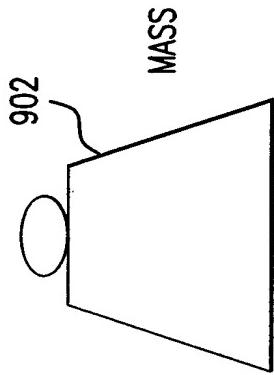


FIG. 9A

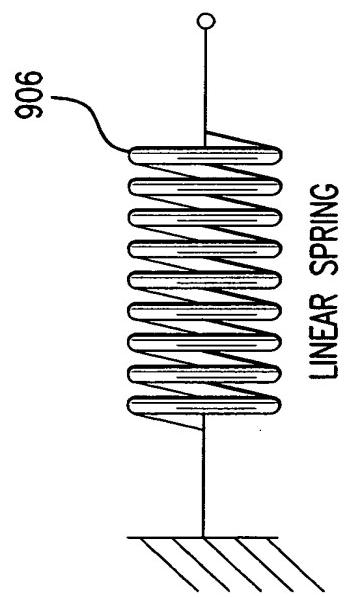


FIG. 9C

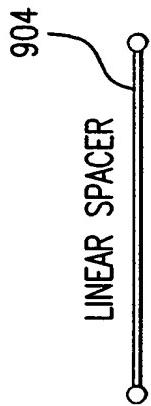


FIG. 9B

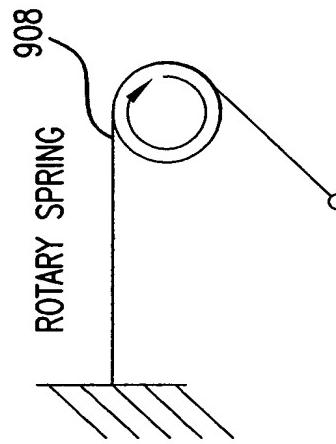


FIG. 9D

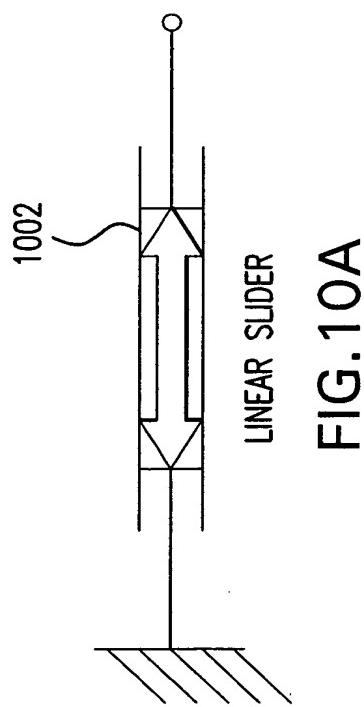


FIG. 10A

LINEAR SLIDER

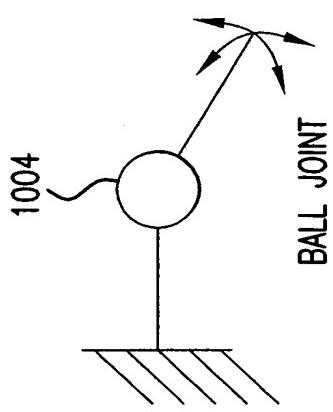


FIG. 10B

BALL JOINT

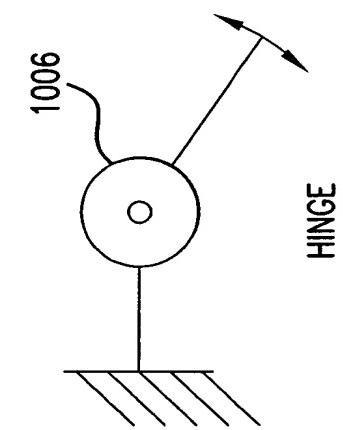


FIG. 10C

HINGE

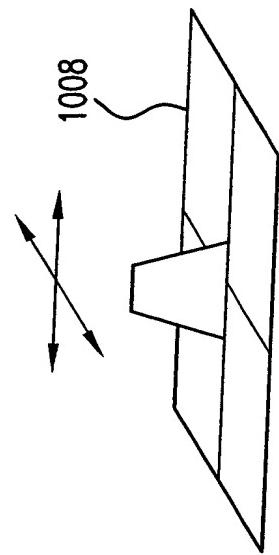
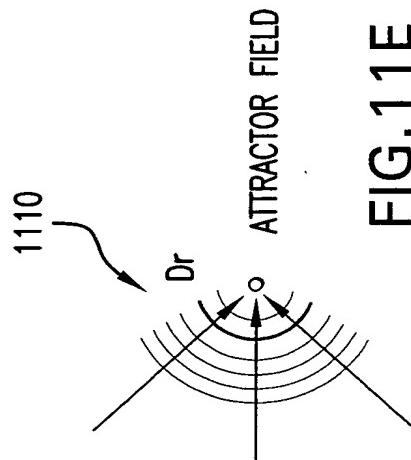
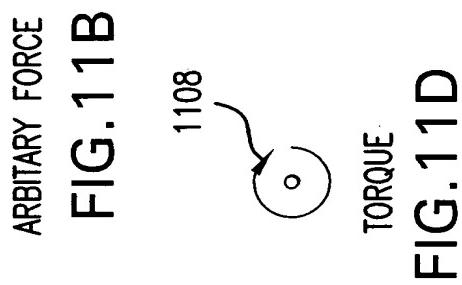
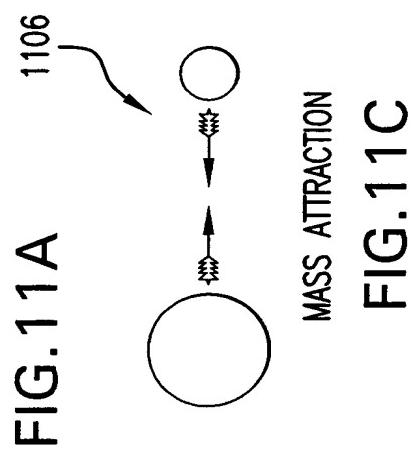


FIG. 10D

SLIDING SURFACE



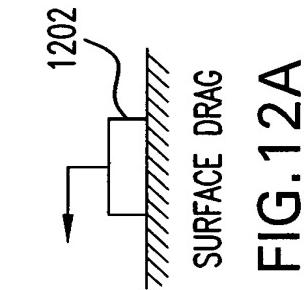


FIG. 12A

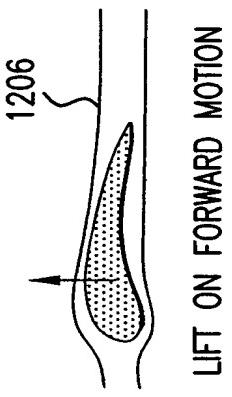


FIG. 12B

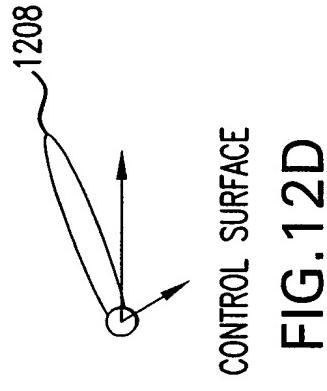


FIG. 12C

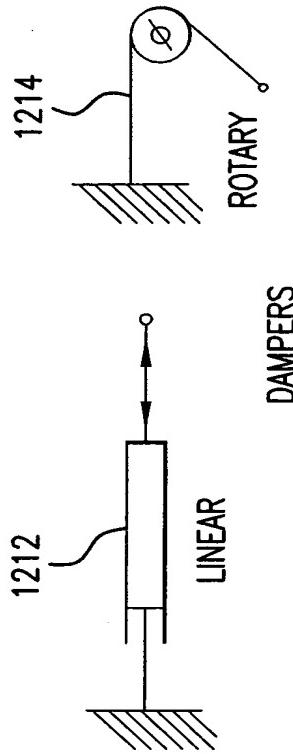


FIG. 12D

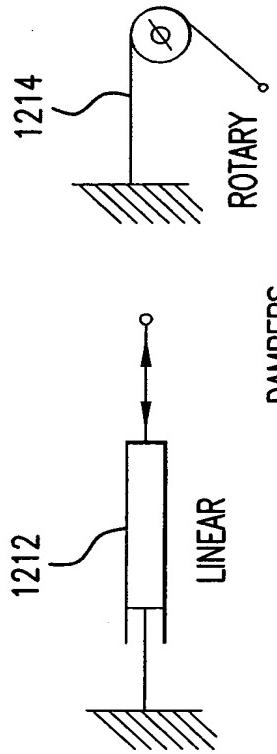


FIG. 12E

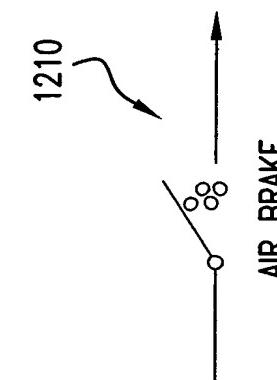


FIG. 12F



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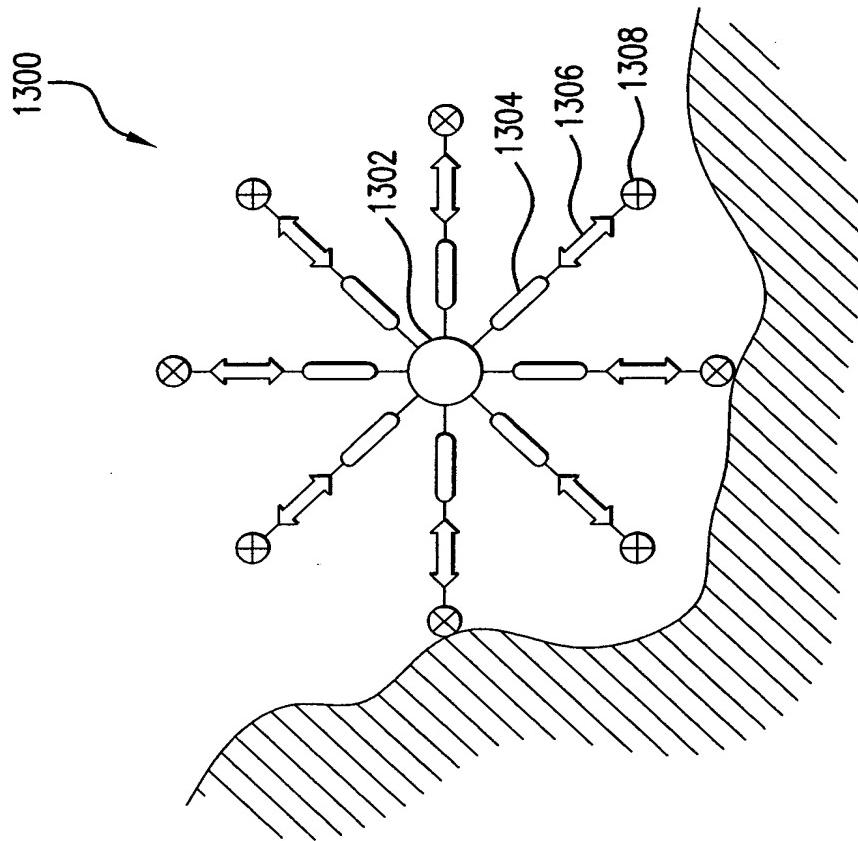


FIG. 13A

= MASS
= SPRING
= DAMPER
= ROLLER



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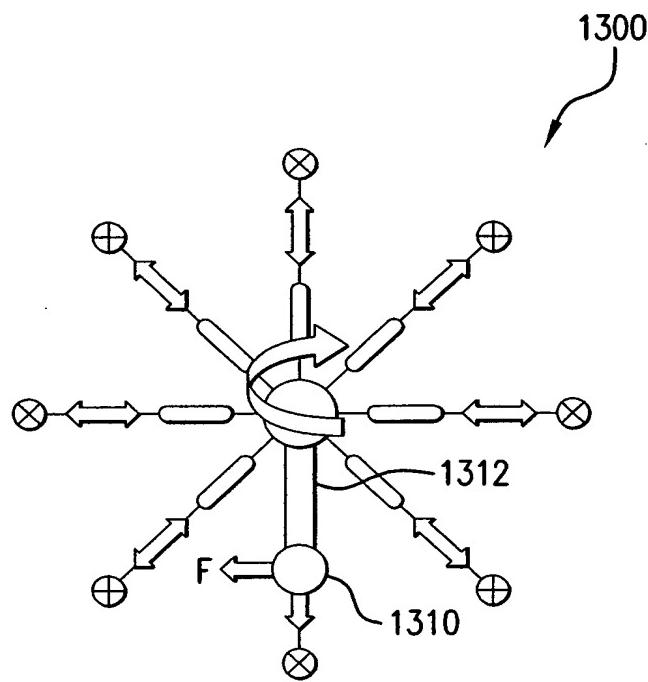


FIG. 13B



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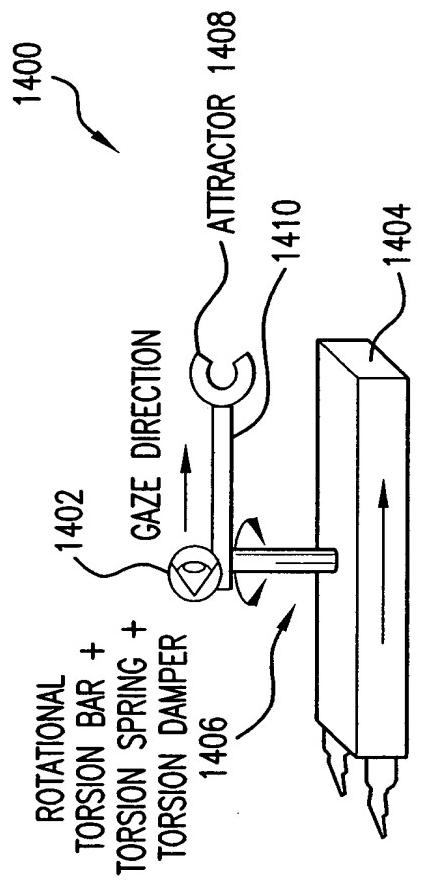


FIG. 14A

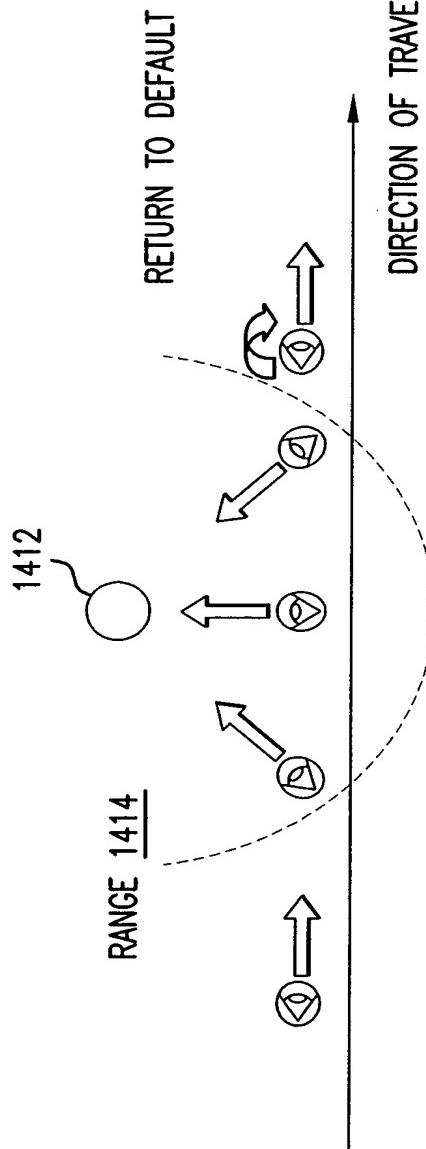
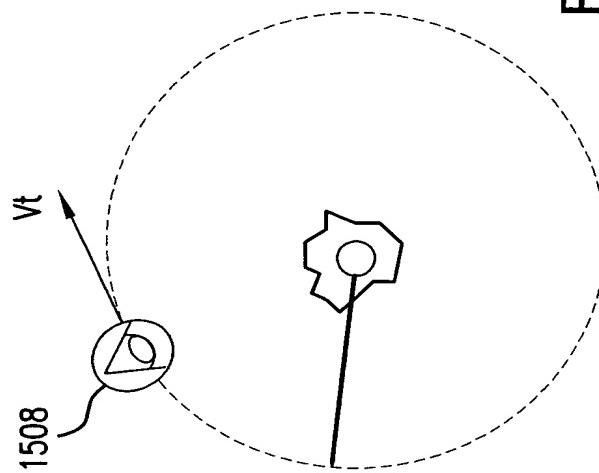
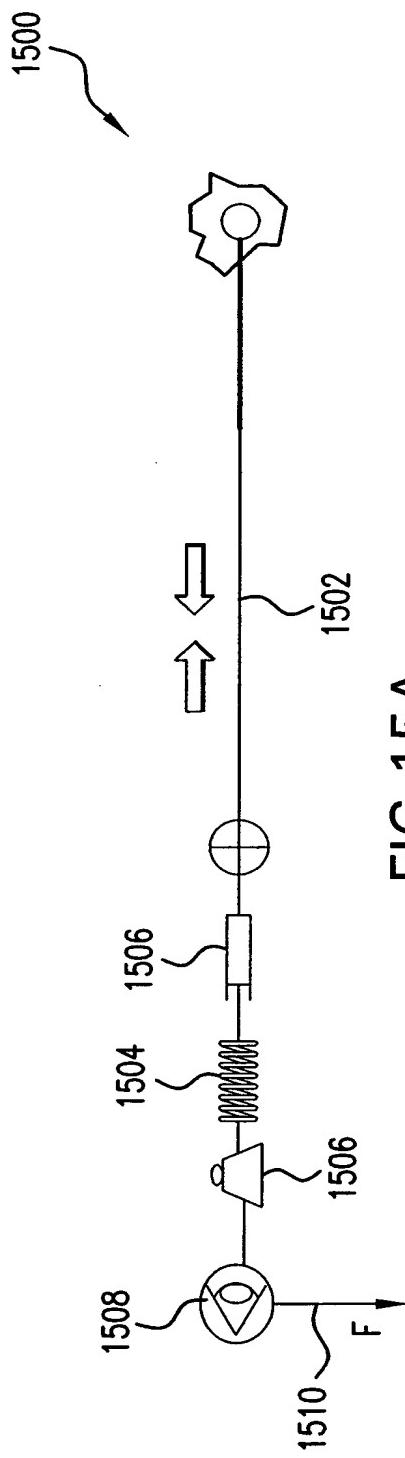


FIG. 14B



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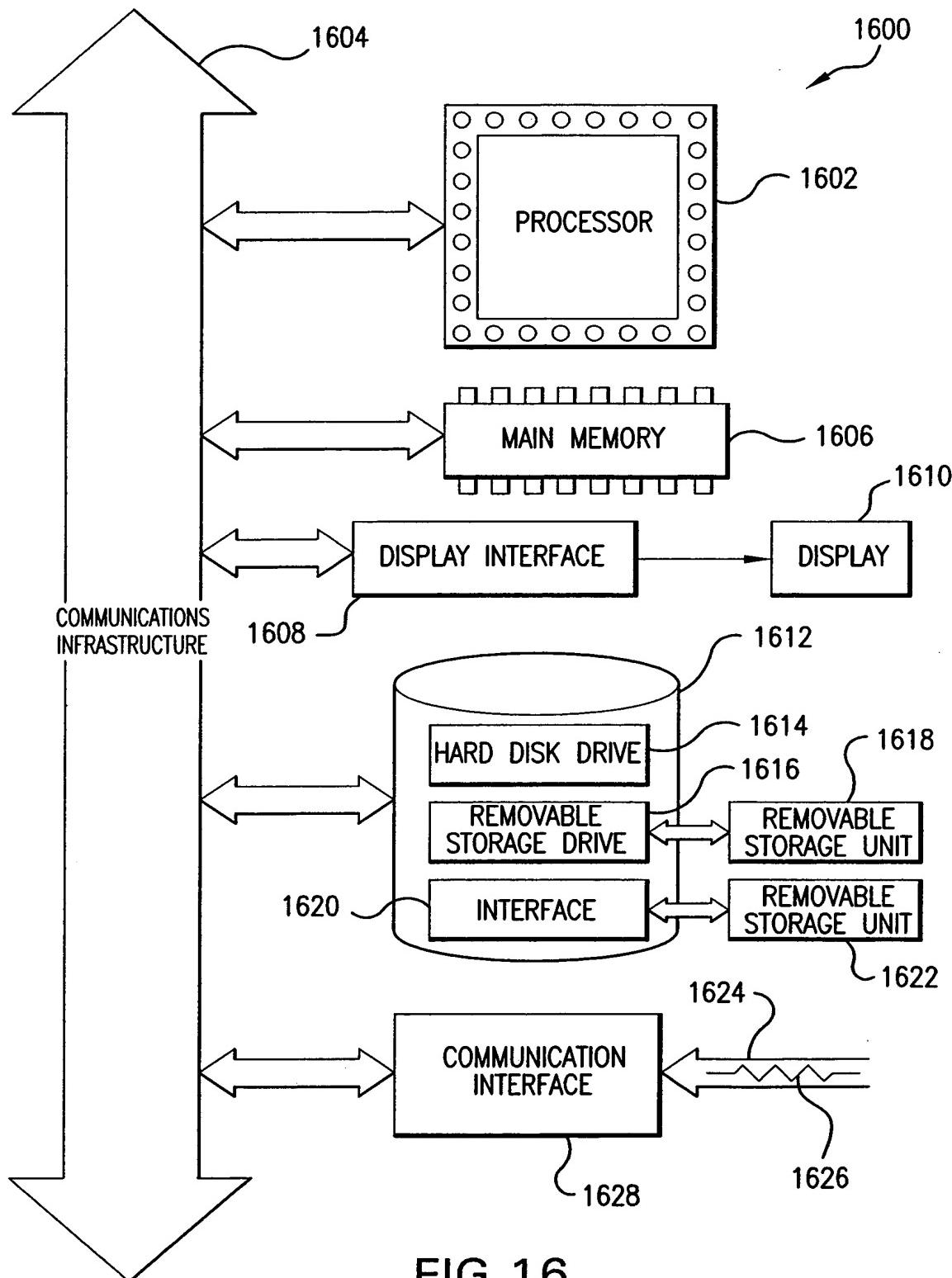


FIG. 16